

AMENDMENT TO THE CLAIMS

Please amend claims 2, 4, 6, 8, 9, and 10 as set forth below and cancel claims 1 and 7 without prejudice or disclaimer of the subject matter contained therein. This listing of claims replaces all prior versions, and listings, of claims in the application.

LISTING OF THE CLAIMS:

1. (Canceled)
2. (Currently Amended) The ceramic block with a built in electrode of claim [[1]] 9, wherein the drawn out conductor is a thin film.
3. (Original) The ceramic block with a built in electrode of claim 2, wherein the drawn out conductor has a thickness of 2 - 150 μ m.
4. (Currently Amended) The ceramic block with a built in electrode of claim [[1]] 9, wherein the drawn out conductor is tubular.
5. (Original) The ceramic block with a built in electrode of claim 4, wherein the drawn out conductor is cylindrical.
6. (Currently Amended) The ceramic block with a built in electrode of claim [[1]] 9, wherein the drawn out conductor is connected to the sheet electrode so as to form a perpendicular corner.
7. (Canceled)
8. (Currently Amended) The ceramic block with a built in electrode of claim [[7]] 9, wherein the drawn out conductor is attached to an inner wall of the through hole.

9. (Currently Amended) ~~The ceramic block with a built in electrode of claim 7, further comprising~~ A ceramic block with a built in electrode comprising:

a first insulating ceramic sheet having a bearing surface;

a sheet electrode having an inner edge and spreading out generally parallel to the bearing surface;

a second insulating ceramic sheet enclosing the sheet electrode together with the first insulating ceramic sheet;

a drawn out conductor for supplying voltage to the sheet electrode, the drawn out conductor extending through the second insulating ceramic sheet and being connected to the inner edge of the sheet electrode, the second insulating ceramic sheet having a through hole through which the drawn out conductor passes; and

an insulating ceramic shaft [[is]] fitted into the through hole.

10. (Currently Amended) The ceramic block with a built in electrode of claim [[7]] 9, wherein the inner edge of the sheet electrode is formed along the opening of the through hole.

11. (Original) A method of manufacturing a ceramic block with a built in electrode comprising the steps of:

forming a first insulating ceramic sheet having a bearing surface;

forming a second insulating ceramic sheet having a through hole;

forming a sheet electrode, on the surface of at least one of the first and second insulating ceramic sheet and spreading generally parallel to the bearing surface;

forming a drawn out conductor on an inner wall of the through hole;

forming a laminated body of the first and second insulating ceramic sheets; and

firing the laminated body of the first and second insulating ceramic sheets.

12. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 11, further comprising a step of fitting an insulating ceramic shaft into the through hole.

13. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 12, wherein the insulating ceramic shaft is made from the same material as the first and second insulating ceramic sheets.
14. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein the step of forming a sheet electrode includes a step of coating a conductive paste.
15. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein the step of forming a drawn out conductor includes a step of coating a conductive paste.
16. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 15, wherein the step of forming a drawn out conductor includes a step of drying a conductive paste.
17. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 16, further comprising a step of fitting a ceramic shaft into the through hole after the step of drying a conductive paste.
18. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein the sheet electrode has a thickness of 2 - 150 μ m.
19. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein the drawn out conductor has a thickness of 2 - 150 μ m.
20. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein cold isostatic press is used in the step of forming a laminated body.